Docket No. ASF00116-PA-US

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in

anvelope addressed to: Box DD, Assistant Commissioner for Patents,

Washington, DC 20231, on _

tha Rocha

PATENT

RECEIVED

JUN 1 2 2002

Technology Center 2600

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:

Albert D. Edgar

Paper No.:

Serial No.:

09/960.239

Group No.:

Filed:

September 21, 2001

Examiner:

Unknown

For:

METHOD AND SYSTEM FOR IMPROVING SCANNED IMAGE DETAIL

BOX DD

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

TRANSMITTAL LETTER

Transmitted herewith for filing in the above-identified application for patent are the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO-1449 (7 pgs);
- 3. Copies of references;
- Confirmation Postcard. Please file-stamp and return. 4.

Applicant believes that no fee is due with the submission of this document. If Applicant is incorrect, the Commissioner is hereby authorized to charge the fees which may be required, or credit any overpayment, to Simon, Galasso & Frantz PLC Deposit Account No. 50-1259.

Respectfully submitted,

Raymond M. Galasso

Reg. No. 37,832

SIMON, GALASSO & FRANTZ PLC

P.O. Box 26503

AUSTIN, TEXAS 78755-0503 Telephone: (512) 372-8240

Facsimile: (512) 372-8247

Docket No. ASF00116-PA-US

PATENT

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box DD, Assistant Commissioner for Patents,

Washington, DC 20231, on _____

Martha Rocha

PECEIVED

Technology Center 2600

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:

Albert D. Edgar

Paper No.:

Serial No.:

09/960,239

Group No.:

Filed:

September 21, 2001

Examiner:

Unknown

For:

METHOD AND SYSTEM FOR IMPROVING SCANNED IMAGE DETAIL

BOX DD

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

The attached forms, PTO-1449, provides a listing of patents, publications, or other information as required by 37 CFR 1.98(a)(1).

A copy of each of these items on PTO-1449 is supplied herewith.

Respectfully submitted,

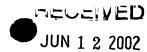
By: Rayed m , Balun

Raymond M. Galasso Reg. No. 37,832

SIMON, GALASSO & FRANTZ PLC P.O. Box 26503

Austin, Texas 78755-0503

Telephone: (512) 372-8240 Facsimile: (512) 372-8247



JUN 1 0 2002 Page 1 of 7 **PTO FORM 4/92** Technology Center 2600 Page 1 of 7 A-US SERIAL NO. 09/960,239 ASF00116-PA-US **FORM PTO-1449** ATTY. DOCKET Albert D. Edgar LIST OF PATENTS AND PUBLICATIONS APPLICANT FOR APPLICANT'S INFORMATION FILING DATE Sept. 21, 2001 GROUP FOR: Method And System For Improving Scanned Image Detail DISCLOSURE STATEMENT UNITED STATES LETTERS PATENT DOCUMENT NUMBER DATE **NAME CLASS SUB CLASS** 95 Oct. 6, 1941 Mayer, A.L. 94 3 2 9 96 55 5 0 6 8 Jul. 14,1970 Nagae et al. 96 55 3 5 2 0 6 9 0 Jul. 14, 1970 Nagae et al. 3 5 8 7 4 3 5 Jun. 28, 1971 Chioffe 95 89 Kohler et al. 96 48 5 4 7 9 Oct. 26, 1971 3 6 1 3 5 4 9 8 Oct. 26, 1971 Aral 96 55 6 3 7 2 8 Nov. 2, 1971 96 59 6 1 2 Bard 2 346 75 3 7 4 7 1 0 Jul 17, 1973 Stemme 9 Sep. 2, 1975 Von Meister et al. 354 317 3 0 3 5 4 1 3 9 4 6 3 9 8 Mar 23, 1976 Kyser et al. 346 1 5 9 9 0 4 Stanfield et al. 156 94 3 8 May 25, 1976 2 7 4 0 6 5 May 31, 1977 Stanfield et al. 156 554 6 5 7 427 424 4 0 8 1 7 Mar. 28, 1978 Horner Feb. 27, 1979 Hatzakis et al. 250 4 4 2 1 0 7 571 1 Grant et al. 4 2 1 5 9 2 7 Aug. 5, 1980 354 317 9 9 4 8 5 156 554 4 2 Feb. 10, 1981 Stanfield 4 4 9 Nov. 17, 1981 Modeen et al. 358 75 3 0 1 6 4 4 9 0 7 2 9 Dec. 25, 1984 Clark et al. 346 75 Feb. 26, 1985 Matsui et al. 354 298 4 5 0 4 8 0 **FOREIGN PATENT DOCUMENTS** DOCUMENT NUMBER DATE **COUNTRY CLASS** SUB **CLASS** WO 90/01240 / Feb. 8, 1990 **PCT** H04N 1/40 WO 91/09493 / Jun. 27, 1991 **PCT** H04N 5/217 Jul. 17, 1997 WO 97/25652 / PCT G03D 5/00 WO 98/19216 ~ May 7, 1998 **PCT** G03C 5/29 WO 98/25399 / Jun. 11, 1998 **PCT** H04N 1/38 WO 98/31142 / Jul. 16, 1998 **PCT** H04N 5/253 G03D WO 98/34157 Aug. 6, 1998 **PCT** OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) "Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, pp. 546-550, 1994. "Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", Aich, T., et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996. "Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", Rangayyan, R., et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998. "Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168. "Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", Stimpson, D., et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998. "Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", Hayes, D. et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999. "Ink-Jet Based Fluid Microdispensing in Biochemical Applications", Wallace, D., MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 6-9, Nov., 1996.

EXAMINER DATE CONSIDERED

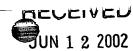
RECEIVED JUN 1 2 2002 age 2 of 7 **PTO FORM 4/92** ASES 0116-PA-US SERIAL NO. ATTY. AS **FORM PTO-1449** Albert D. Edgar LIST OF PATENTS AND PUBLICATIONS APPLICANT Sept. 21, 2001 **GROUP** FOR APPLICANT'S INFORMATION FILING DATE FOR: Method And System For Improving Scanned Image Detail DISCLOSURE STATEMENT UNITED STATES LETTERS PATENT **CLASS SUB** DOCUMENT NUMBER DATE NAME **CLASS** 0 Jan. 14, 1986 Fukuda 354 317 6 5 5 9 Jun. 10, 1986 346 140 4 9 4 8 Iwagami 2 0 3 7 Kanda et al. 430 30 4 6 1 Nov. 4, 1986 2 3 Nov. 18, 1986 354 318 4 6 2 3 6 Stella 4 3 8 0 8 Jan. 13, 1987 Herron 346 75 6 6 4 6 6 6 3 0 7 May 19, 1987 Matsumoto et al 356 404 4 6 7 0 7 7 9 Jun 2, 1987 Nagano 358 75 4 7 3 2 2 Apr. 5, 1988 Shidara 354 317 6 1 430 4 7 4 5 0 4 0 May 17, 1988 Levine 21 354 4 7 5 5 8 4 4 Jul. 5, 1988 Tsuchiya et al. 317 0 2 430 21 4 7 7 7 1 Oct. 11, 1988 Levine 7 9 $\overline{0}$ Jan. 3, 1989 Ikeda et al. 355 73 4 6 6 1 4 8 4 6 3 0 Mar. 21, 1989 Lim 250 578 2 Apr. 11, 1989 Gebhardt 358 75 4 8 1 1 1 4 Jul. 4, 1989 358 80 5 5 Matsumoto 4 8 4 5 8 5 3 Jul. 25, 1989 Millis et al. 430 30 4 1 1 1 4 8 5 7 4 3 0 Aug. 15, 1989 Millis et al. 430 30 Oct. 17, 1989 Kanzaki et al. 354 325 4 8 7 5 0 6 7 358 228 4 9 0 5 Nov. 6, 1990 Haruki et al. 9 6 4 FOREIGN PATENT DOCUMENTS COUNTRY **CLASS SUB** DOCUMENT NUMBER DATE **CLASS** WO 98/34397 1 Aug. 6, 1998 **PCT** H04N 1/00 WO 99/43148 1 Aug. 26, 1999 **PCT** H04N WO 01/01197 ′ Jan. 4, 2001 **PCT** G03D 5/00 Feb. 22, 2001 PCT G03D 5/06 WO 01/13174 A1 EP 0 261 782 A2 / Aug. 14, 1987 Europe H04N 1/46 Mar. 28, 1989 6/03 EP 0 422 220 A1 A61B Europe H04N 1/40 EP 0 482 790 B1 Sep. 9, 1991 Europe Jul. 21, 1992 G03D 5/00 EP 0 525 886 A3 Europe H04N 1/04 EP 0 580 293 A1 Jun. 22, 1993 Europe EP 0 669 753 A2/ Feb. 24, 1995 Europe H04N 1/407 OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) "Protorealistic Ink-Jet Printing Through Dynamic Spot Size Control", Wallace, D., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996. "MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", Hayes, D., et al., MicroFab Technologies, Inc. "A Method of Characterisstics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", Wallace, D., MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989. "Digital Imaging Equipment White Papers", Putting Damaged Film on ICE,

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

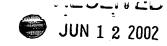
www.nikonusa.com/reference/whitepapers/imaging, Nikon Corporation, Nov. 28, 2000.



PTO FORM 4/92 JUN 1 0 2000 8								Technology Center 2600 Page 3 of 7				
FORM PTO-1449							<u>'</u> පු	ATTY.	ASF00116-PA-US	SERIAL NO.	09/960,239	
TORUM TO-1445								DOCKET			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
LIST OF PATENTS AND PUBLICATIONS								APPLICANT	Albert D. Edgar	<u> </u>		
FOR APPLICANT'S INFORMATION								FILING DATE		GROUP		
DISCLOSURE STATEMENT									and System For Imp		nage Detail	
DISCEOS												
					U	NITE	D ST	TATES LETTER	S PATENT			
	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB	
											CLASS	
	4	9	9	4	9	1	8	Feb. 19, 1991	Lingemann	358	214	
	5	0	3	4	7	6	7	Jul. 23, 1991	Netz et al.	354	317	
	5	1	0	1	2	8	6	Mar. 31, 1992	Patton	358	487	
	5	1	2	4	2	1	6	Jun. 23, 1992	Giapis et al.	430	30	
	5	1	5	5	5	9	6	Oct. 13, 1992	Kurtz et al.	358	214	
	5	1	9	6	2	8	5	Mar. 23, 1993	Thomson	430	30	
	5	2	1	2	5	1	2	May 18, 1993	Shiota	354	319	
	5	2	3	1	4	3	9	Jul. 27, 1993	Takahashi et al.	354	313	
	5	2	3	5	3	5	2	Aug. 10, 1993	Pies et al.	346	140	
	5	2	5	5	4	0	8	Oct. 26, 1993	Blackman	15	308	
-	5	2	6	6	8	0	5	Nov. 30, 1993	Edgar	250	330	
_	5	2	6	7	0	3	0	Nov. 30, 1993	Giorgianni et al.	358	527	
	5	2	9	2	6	0	5	Mar. 8, 1994	Thomson	430	30	
	5	2	9	6	9	2	3	Mar. 22, 1994	Hung	358	527	
	5	3	5	0	6	5	1	Sep. 27, 1994	Evans et al.	430	362	
	5	3	5	7	6	0	7	Sep. 27, 1994	Simons Glanville et al.	354	302	
	5	3	6		7	0		Oct. 18, 1994 Nov. 1, 1994	Elton et al.	430	501	
	5	3	7	0	5	4	2	Dec. 6, 1994	Pauli et al.	348	262	
	_								Faull et al.		1 202	
FOREIGN PATENT DOCUME DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB	
	Doc	OIVIL	21 1 1	V CIVI	DEK			DAIL	COONTRI	CLASS	CLASS	
	EP 0	794 4	154 A	2				Feb. 28, 1997	Europe	G03B	27/73	
		930 4						Dec. 21, 1998	Europe	G01N	21/88	
	+===		.,,	· -				2,001.21,1220				
	1		-									
	<u> </u>					-	•					
			_			•						
OTHER	ART (INCL	UDI	NG A	UTHO	OR, T	ITLE	, DATE, PERTIN	ENT PAGES, ETC	C.)		
							_					
	1											
							_				•	
1	1										I I	

EXAMINER

DATE CONSIDERED



PTO		JUN 1 0 2002 W			\$\	Technology Cen			Center 2600	Page 4 of 7			
FOR					w	ATTY.	ASF00116-PA-US			09/960,239			
010							DOCKET						
LIST OF PATENTS AND PUBLICATIONS								Š	APPLICANT	Albert D. Edgar			
FOR APPLICANT'S INFORMATION										Sept. 21, 2001	GRO	UP	
DISCLOSURE STATEMENT										nd System For Impr	_11		ge Detail
DISC													
							NITE	D S 7	TATES LETTER		_	· · · · · · · · · · · · · · · · · · ·	
:		DOC	UME	ENT N	UME	BER			DATE	NAME		CLASS	SUB
			T _					r				120	CLASS
	ļ	5	3	9	1	4	4	3	Feb. 21, 1995	Simons et al.		430	21
	ļ	5	4	1	4	7	7	9	May 9, 1995	Mitch		382	199
		5	4	1	6	5	5	0	May 16, 1995	Skye et al.		354	298
		5	4	1	8	1	1	9	May 23, 1995	Simons		430	507
		5	4	1	8	5	9	7	May 23, 1995	Lahcanski et al.		355	76
	1	5	4	3	6	5 7	7	9 8	Jul. 11, 1995 Jul. 25, 1995	Tokuda Manico		354 358	503
	-	5	4	4	0	3	6	5	Aug. 8, 1995	Gates et al.		354	298
<u> </u>	 	5	4	4	7	8	1	1	Sep. 5, 1995	Buhr et al.		430	298
<u> </u>	 	5	4	4	8	3	8	0	Sep. 5, 1995	Park		358	520
	 	5	4	5	2	0	1	8	Sep. 19, 1995	Capitant et al.		348	651
	-	5	4	6	5	1	5	5	Nov. 7, 1995	Edgar		358	500
		5	5	1	6	6	0	8	May 14, 1996	Hobbs et al.		430	30
	 	5	5	4	6	4	7	7	Aug. 13, 1996	Knowles et al.		382	242
		5	4	9	6	6	6	9	Mar. 5, 1996	Pforr et al.		430	22
-		5	5	5	0	5	6	6	Aug. 27, 1996	Hodgson et al.		345	202
	-	5	5	$\frac{3}{1}$	9	5	1	0	May 21, 1996	Edgar		358	471
		5	5	5	2	9	0	4	Sep. 3, 1996	Ryoo et al.		358	518
	1	5	5	6	3	7	1	7	Oct. 8, 1996	Koeng et al.		358	406
									ENTS	Trocking of un.		330	1 .00
-				NT N			<u> </u>	OIVE	DATE	COUNTRY		CLASS	SUB
			O 11112	24 1 1 1 1	OWIL				Dillo			02.100	CLASS
	 		T										
			 								-		
			 										<u> </u>
											-, -	-	
			1										
			1										
O	THER	ART (INCL	UDIN	IG AI	UTHO	OR, T	TLE	E, DATE, PERTIN	ENT PAGES, ETC	C.)		
													-

EXAMINER

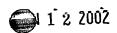
DATE CONSIDERED

N 1 2 2002

Technology Center 2600 **PTO FORM 4/92** Page 5 of 7 JUN 1 0 2002 ASF00116-PA-US SERIAL NO. 09/960,239 **FORM PTO-1449** ATTY. DOCKET LIST OF PATENTS AND PURGACATION APPLICANT Albert D. Edgar FILING DATE Sept. 21, 2001 GROUP FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT FOR: Method And System For Improving Scanned Image Detail UNITED STATES LETTERS PATENT CLASS SUB DOCUMENT NUMBER DATE NAME **CLASS** Oct. 22, 1996 Endo Nov. 19, 1996 Sano et al. Dec. 3, 1996 Harrington Jan. 21, 1997 Cosgrove et al. May 6, 1997 Manico Sep. 2, 1997 Mevers Wen Sep. 2, 1997 Sep. 16, 1997 Reem et al. Oct. 14, 1997 Sugimoto et al. Nov. 25, 1997 Haye Simon et al. Dec. 9, 1997 Dec. 16, 1997 Nakahanada et al. Mar. 10, 1998 Mehlo et al. Apr. 14, 1998 Frick et al. Jun. 23, 1998 Fujimoto et al. Aug. 4, 1998 Edgar Nov. 10, 1998 Tsumura Feb. 9, 1999 Blume Mar. 9, 1999 Tanaka et. Al. FOREIGN PATENT DOCUMENTS SUB DOCUMENT NUMBER DATE COUNTRY **CLASS CLASS** OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

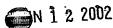
DATE CONSIDERED



DTO:	FODA	1 4/92	_		$-\!\!\!/-$			<u>\$</u>		Technolog)	r Cente	r 2600 —	Page 6 of 7
)		· 是	UN -1.	. ~~~~		ATTY. DOCKET	ASF00116-PA-US	SE	RIAL NO.	09/960,239
LIST	OF P	ATEN	TS A	ND	PINA	JCA'	rio	\$ /_	APPLICANT	Albert D. Edgar			l
LIST OF PATENTS AND PURICATIONS FOR APPLICANT'S INFORMATION									FILING DATE		GRO	MP	
DISCLOSURE STATEMENT										d System For Impr	_11		l age Detail
DISC	LUST	TRE S	AII	CIVIE	/14.1				r OK. Melliod Al	id System For Impr	Oving C	carried IIII	ige Detail
	•					U	NITE	D ST	TATES LETTER	S PATENT			
		DOC	UME	I TN	NUMI	BER			DATE	NAME		CLASS	SUB CLASS
		5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	-	358	530
		5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	-	382	167
		5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et a	il.	382	150
		5	9	6	6	4	6	5	Oct. 12, 1999	Keith et al.		382	232
		5	9	7	9	0	1	1	Nov. 9, 1999	Miyawaki et al.		15	308
		5	9	8	2	9	3	6	Nov. 9, 1999	Tucker et al.		382	233
		5	9	8	2	9	3	7	Nov. 9, 1999	Accad		382	239
		5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.		382	260
		5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.		382	284
		5	9	8	8	8	9	6	Nov. 23, 1999	Edgar		396	604
		5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.		382	232
		5	9	9	8	1	0	9	Dec. 7, 1999	Hirabayashi		430	434
		6	0	0	0	2	8	4	Dec. 14, 1999	Shin et al.	•	73	150
		6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.		382	294
		6	0	6	5	8	2	4	May 23, 2000	Bullock et al.		347	19
		6	0	6	9	7	1	4	May 30, 2000	Edgar		358	487
		6	0	8	9	6	8	7	Jul. 18, 2000	Helterline		347	7
		6	1	0	1	2	7	3	Aug. 8, 2000	Matama		382	169
	-	6	1	0	2	5	0	8	Aug. 15, 2000	Cowger		347	7
		6	1	3	7	9	6	5	Oct. 24, 2000	Burgeios et al.		396	626
		F	ORE	EIGN	PAT	ENT	DOC	UMI	ENTS			-	
		FOREIGN PATENT DOCUME DOCUMENT NUMBER							DATE	COUNTRY		CLASS	SUB CLASS
					<u> </u>	-	-						-
					 	1							
					 	+	-	<u> </u>					
			<u> </u>		 	1		 	+				
				 	 			 				-	
			<u> </u>	 	<u> </u>	+		\vdash		-			
	HED	ΔRT /I	NCI	TIDI	NG A	l ITLI	OR T	ITI F	DATE PERTIN	L ENT PAGES, ETC	')	1	1
	النبي	(1	u vCL	ועטי	A UI	O I I I	JIX, 1		, 21111, 111XIII		··/		
										-			
											-		
	-												
					-					-		**	
	i l	ı											

EXAMINER

DATE CONSIDERED



Technology Center 2600 JUN 1 0 2007 **PTO FORM 4/92** Page 7 of 7 A MADEMARK DOCK ASF00116-PA-US SERIAL NO. 09/960,239 FORM PTO-1449 DOCKET LIST OF PATENTS AND PUBLICATIONS APPLICANT Albert D. Edgar Sept. 21, 2001 GROUP FOR APPLICANT'S INFORMATION FILING DATE DISCLOSURE STATEMENT FOR: Method And System For Improving Scanned Image Detail UNITED STATES LETTERS PATENT CLASS SUB DATE NAME **DOCUMENT NUMBER CLASS** 226 92 Sep. 3, 1974 Krumbein 3 6 May 5, 1981 Slaker 356 431 2 6 5 5 4 5 4 Dec. 30, 1986 358 41 4 6 3 3 3 0 0 Sakai 376 May 3, 1988 Taft et al. 356 4 7 4 6 2 1 1 354 299 5 0 2 7 1 4 6 Jun. 25, 1991 Manico et al. 0 8 1 Apr. 6, 1993 Birnbaum 358 80 5 2 0 2 411 3 7 Aug. 2, 1994 Columbus et al. 118 5 3 4 4 Dec. 19, 1995 358 500 5 4 7 7 3 4 Tse 7 Dec. 24, 1996 Petruchik 5 5 8 7 5 2 396 315 2 0 May 6, 1997 Manico 430 434 5 7 1 6 6 Jul. 15, 1997 Wheeler et al. 396 569 5 4 9 2 6 0 6 396 5 7 9 5 Nov. 10, 1998 Craig et al. 6 5 8 3 7 2 Sep. 28, 1999 Kwon et al. 355 38 5 9 5 9 0 Jul. 11, 2000 Nishio 355 75 8 6 0 8 0 8 4 3 Mar. 13, 2001 Takano et al. 430 362 2 0 0 7 8 6 FOREIGN PATENT DOCUMENTS DATE **COUNTRY CLASS** SUB DOCUMENT NUMBER **CLASS** WO 98/25399 Jun. 11, 1998 **PCT** H04N 1/38 Aug. 6, 1998 **PCT G03D** WO 98/34157 Aug. 26, 1999 PCT H04N 1/100 WO 99/43149 G06T 5/00 WO 01/45042 A1 Jun. 21, 2001 **PCT** Jul. 12, 2001 PCT G03C 7/407 WO 01/50192 A1 < PCT 7/407 Jul. 12, 2001 G03C WO 01/50193 A1 7/407 Jul. 12, 2001 **PCT** G03C WO 01/50194 A1 < Jul. 12, 2001 PCT G03C 7/42 W0 01/50197 A1 < H04N 9/11 Jul. 19, 2001 **PCT** WO 01/52556 A2 < Jan. 26, 1994 H04N 1/04 EP 0 580 293 A1 < Europe EP 0 601 364 A1/ Jun. 15, 1994 Europe H04N 1/387 13/00 G03D EP 0 768 571 A2 / Apr. 16, 1997 Europe Nov. 12, 1997 H04N 1/00 EP 0 806 861 A1 Europe G06T 5/40 EP 0 878 777 A2 Nov. 18, 1998 Europe OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

DATE CONSIDERED